

ATTACHMENT A

Declaration of Thomas M. Aulisio

**BEFORE THE
FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554**

In the Matter of)	
)	
Application of Bell Atlantic Pursuant)	
To Section 271 of the Telecommunications)	CC Docket No. 99-295
Act of 1996 to Provide In-Region,)	
InterLATA Services in New York)	

DECLARATION OF THOMAS M. AULISIO

Thomas M. Aulisio declares that:

1. My name is Thomas M. Aulisio. My business address is 28 State Street, Suite 1100, Boston, Massachusetts. I am the Director of LEC Relations (East) at North Point Communications, Inc. ("NorthPoint") for the Eastern Region including Bell Atlantic Territory.

2. This declaration is based upon my personal knowledge and upon facts provided to me by others at my request. As to facts provided to me by others, I am informed and believe them to be true. To the extent that any factual assertions contained in the foregoing Comments of NorthPoint Communications, Inc. regarding Bell Atlantic – New York's ("Bell Atlantic") application under for authority to provide in-region, interLATA services are not addressed in this declaration, I have read the foregoing Comments and to the best of my knowledge and belief, all of the factual assertions in the Comments are true and correct.

Loop Qualification

3. As currently deployed, Bell Atlantic's mechanized loop qualification database is insufficient to meet NorthPoint's needs, forcing NorthPoint to qualify a significant portion of its loops by using Bell Atlantic's expensive and time-consuming manual loop qualification procedures.

4. NorthPoint has consistently experienced systemic problems with the mechanized loop qualification database that make it, as a practical matter, more burdensome to use than the manual processes. For example, addresses validated by Bell Atlantic's address validation preordering interface are often incompatible with the mechanized loop qualification database. After confirming that Bell Atlantic has represented that the relevant central office is loaded into the database, NorthPoint's service representatives will use Bell Atlantic's address validation interface to confirm the accuracy of the address for the order. The mechanized interface will often respond to the "validated" address with the response "address not found."¹ This excessive reliance on manual procedures impedes NorthPoint's ability to respond promptly to customers' requests for service, and thus, impedes NorthPoint's ability to compete in the advanced services market.

5. Additionally, to provide competitive DSL services, NorthPoint should consistently receive real-time electronic access to information regarding loop length, wire gauge and gauge changes, number and location of load coils, number and location of bridge taps, digital loop carrier ("DLC"), presence of pair gain devices and presence of digital access main lines ("DAMLs"). Bell Atlantic's mechanized loop prequalification interface currently only provides loop length and whether the loop is qualified for Bell Atlantic's ADSL services. Lack of a

¹ Bell Atlantic advised CLECs to enter the telephone number (not the validated address) into the loop qualification database until the issue was resolved. Although NorthPoint has experienced this problem on numerous orders, in light of Bell Atlantic's recognition that a problem does exist, NorthPoint has only provided three (3) orders as a demonstration of the problem. A true and correct copy of Bell Atlantic's list of New York central offices loaded into the database is attached hereto as Exhibit A; true and correct copies of three (3) sample address validations are attached hereto as Exhibit B; true and correct copies of three corresponding (3) loop prequalification queries are attached hereto as Exhibit C; and true and correct copies of three (3) corresponding "address not found" responses are attached hereto as Exhibit D. Customer identifiable information has been removed from all exhibits.

reliable and effective mechanized loop prequalification tool will severely impede NorthPoint's ability to compete in the advanced services market.

Ordering

6. Bell Atlantic's current manual processes do not meet NorthPoint's ordering needs. The shortcomings of Bell Atlantic's manual processes will be exacerbated as the volume of DSL CLEC orders increases.² Lack of a reliable and effective flow-through ordering system for DSL orders causes unnecessary processing errors and delays, and will severely impede NorthPoint's ability to scale its business.

Loop Provisioning

7. Prior to implementing joint testing, the high instance of trouble reports in the first thirty days following Bell Atlantic's DSL loop provisioning was most likely caused by the fact that, unlike a POTS loop, Bell Atlantic is unable to determine on its own whether it has provisioned the loop correctly. Until recently, Bell Atlantic refused to test these loops with NorthPoint. Consequently, Bell Atlantic delivered a significant number of loops that did not work.

8. Bell Atlantic has frequently marked as "completed" xDSL orders that have had missing Central Office wiring and defective OSP facilities. Orders deemed by Bell Atlantic as "completed" initiate the billing cycle and are removed from the responsibility of Bell Atlantic's Provisioning Bureaus. Once removed from the Bell Atlantic Provisioning personnel, NorthPoint must begin paying for use of the loop and must often submit multiple (billable) maintenance reports to turn-up service on a defective loop.

² Consumer demand for DSL services is growing at an increasingly accelerated pace. *See, xDSL.com, Analysis of DSL Technologies*, attached hereto as Exhibit E.

9. Bell Atlantic also frequently failed to provide NorthPoint critical “demarc” information as part of the loop provisioning process. Inside wire technicians use “demarc” information, which identifies the NorthPoint loop, to connect the copper pair to the end-user’s inside wire. Without “demarc” information, the inside wire technician cannot complete service and must be dispatched by the NorthPoint again after another Bell Atlantic technician returns to provide the necessary tags and “demarc” information, causing additional service delays.

10. If Bell Atlantic provisions a DSL loop incorrectly or if a Bell Atlantic technician fails to provide the necessary “demarc” information, NorthPoint is unable to use the loop. NorthPoint began joint testing with Bell Atlantic on September 20, 1999. Although NorthPoint remains optimistic that the joint testing process will resolve at least some of the problems associated with Bell Atlantic’s DSL loop provisioning, initial data shows that the process has not yet significantly improved Bell Atlantic’s performance. Since beginning joint testing, Bell Atlantic has only called on 40% of all NorthPoint orders.

Pursuant to 47 C.F.R. § 1.16, I declare under penalty of perjury that the foregoing is true and correct. Executed on: October 18, 1999.


Thomas M. Aulisio

Exhibit A

New York Central Offices in the Mechanized Loop Qualification Database

OFFICES IN THE BELL ATLANTIC
REGION THAT HAVE BEEN
PREQUALIFIED FOR ADSL
AS OF OCTOBER 11,1999

STATE	WIRE CENTER	CLLI
NJ	WILLINGBORO	WLBONJWB
NJ	WOODBRIIDGE	WDBRNJWD
NJ	WOODBURY	WDBYNJWB
NJ	WOODPORT	WDPTNJWP
NJ	WYCKOFF	WYCKNJWK

NY	14TH AVENUE	NYCKNYFT
NY	71ST STREET	NYCKNY71
NY	77TH STREET	NYCKNY77
NY	ALBANY-WASHINGTON AVENUE	ALBYNYWA
NY	ALBEMARLE	NYCKNYAL
NY	AMSTERDAM	AMSTNYPE
NY	ARMONK VILLAGE	ARVGNYAV
NY	AVENUE I	NYCKNYAI
NY	AVENUE R	NYCKNYAR
NY	AVENUE U	NYCKNYAU
NY	AVENUE Y	NYCKNYAY
NY	ASTORIA	NYCQNYAS
NY	AUBURN	AUBNNYAU
NY	BABYLON	BBYLNBYN
NY	BALLSTON SPA	BALSNYBA
NY	BAYSIDE	NYCQNYBA
NY	BEDFORD VILLAGE	BDVGNYBV
NY	BELLE HARBOR	NYCQNYBH
NY	BRENTWOOD-CENTRAL ISLIP	BRWDNYBW
NY	BRIDGE STREET	NYCKNYBR
NY	BROAD STREET	NYCMNYBS
NY	BUFFALO-ELMWOOD	BFLONYEL
NY	BUFFALO-MAIN ST	BFLONYMA
NY	BUSHWICK AVENUE	NYCKNYBU
NY	CHAPPAQUA	CHPQNYCP
NY	CLINTON	CLTNNYZI
NY	CLINTON AVENUE	NYCKNYCL
NY	CLINTON STREET	SCHNNYSC
NY	COMMACK	CMMKNYCM
NY	CONGERS	CNGRNYCN
NY	CONVENT AVE	NYCMNYCA

OFFICES IN THE BELL ATLANTIC
REGION THAT HAVE BEEN
PREQUALIFIED FOR ADSL
AS OF OCTOBER 11,1999

STATE	WIRE CENTER	CLLI
NY	CORONA	NYCQNYCO
NY	CROTON-ON-HUDSON	CRHDNYCH
NY	DEER PARK	DRPKNYDP
NY	DOBBS FERRY	DBFYNYDF
NY	EAST 30TH ST	NYCMNY30
NY	EAST 37TH ST	NYCMNY37
NY	EAST 56TH ST	NYCMNY56
NY	EAST 79	NYCMNY79
NY	EAST 97th	NYCMNY97
NY	EAST GENESSEE	SYRCNYGS
NY	FAIRVIEW	GNBGNYFV
NY	FAIRVIEW AVENUE	NYCKNYFA
NY	FARMINGDALE	FRDLNYFM
NY	FAR ROCKAWAY	NYCQNYFR
NY	FAYETTEVILLE	FYVLNYFV
NY	FLORAL PARK	FLPKNYFP
NY	FLUSHING	NYCQNYFL
NY	FOREST-HILLS	NYCQNYFH
NY	FRANKLINVILLE (BUFFALO)	FKVLNYFK
NY	FRANKLIN-WOODMERE	WDMRNYFR
NY	FREEPORT	FRPTNYFP
NY	GLEN COVE	GLCVNYGC
NY	GREAT NECK	GRNKNYGN
NY	HARRISON	HRSNNYHN
NY	HEMPSTEAD	HMPSNYHS
NY	HERKIMER	HRKMNYHC
NY	HICKSVILLE	HCVLNYHV
NY	HOLLIS	NYCQNYHS
NY	ITHACA-TIOGA ST	ITHCNYIH
NY	JAMAICA	NYCQNYJA
NY	JFK INTERNATIONAL	NYCQNYIA
NY	KATONAH	KTNHNYKA
NY	LARCHMONT	LRMTNYLA
NY	LAURELTON	NYCQNYLN
NY	LEVITTOWN	LVTWNYLT
NY	LIBERTY AVENUE	NYCKNYLA
NY	LIVERPOOL-CLAY	CLAYNYOS
NY	LONG BEACH	LNBNHNYLB
NY	LONG ISLAND CITY	NYCQNYLI

OFFICES IN THE BELL ATLANTIC
REGION THAT HAVE BEEN
PREQUALIFIED FOR ADSL
AS OF OCTOBER 11,1999

STATE	WIRE CENTER	CLLI
NY	LYNBROOK	LYBRNYLB
NY	MAMARONECK	MMRNNYMA
NY	MANHASSET	MNHSNYMH
NY	MASSAPEQUA	MSPQMAMP
NY	MID-NASSAU (GARDEN CITY)	GRCYNYGC
NY	MINEOLA	MINLNYMI
NY	MOUNT KISCO	MTKSNYMK
NY	MOUNT VERNON	MTVRNYMV
NY	NEW DORP	NYCRNYND
NY	NEW ROCHELLE	NWRCNYNR
NY	NEWTOWN	NYCQNYNW
NY	NORTH JAMAICA	NYCQNYNJ
NY	NORTH STATEN ISLAND	NYCRNYNS
NY	NORTH SYRACUSE	NSYRNYNS
NY	ONEIDA	ONEDNYOD
NY	OSSINING	OSNGNYOS
NY	OSWEGO	OSWGNYSO
NY	OYSTER BAY	OYBANYOY
NY	PEEKSKILL	PKSKNYPS
NY	PLAINVIEW	PLVWNYPV
NY	PLATTSBURG	PLBGNYPB
NY	PLEASANT GROVE	ITHCNYPG
NY	PLEASANTVILLE	PSVLNYPV
NY	PORT CHESTER	PTCHNYPC
NY	PORT WASHINGTON	PTWANYPW
NY	RICHMOND HILL	NYCQNYRH
NY	ROCKAWAY AVENUE	NYCKNYRA
NY	ROME	ROMENYRM
NY	RONKONKOMA	RNKNNYRN
NY	ROSLYN	RSLNNYRO
NY	RYE	RYEENYRY
NY	SARATOGA	SRSPNYSR
NY	SCARSDALE	SCDLNYSR
NY	SECOND AVE. (13TH STREET)	NYCMNY13
NY	SETAUKET	STKTNYSK
NY	SOUTH SALEM	SSLMNYSS
NY	SOUTH STATEN ISLAND	NYCRNYSS
NY	STATE STREET (ALBANY)	ALBYNYSS
NY	SUFFERN	SFRNNYSU

OFFICES IN THE BELL ATLANTIC
REGION THAT HAVE BEEN
PREQUALIFIED FOR ADSL
AS OF OCTOBER 11, 1999

STATE	WIRE CENTER	CLLI
NY	SYOSSET	SYOSNYSY
NY	SYRACUSE (DIPPOLD ST)	SYRCNYDD
NY	SYRACUSE (JAMES ST)	SYRCNYJS
NY	SYRACUSE (SALINA)	SYRCNYSY
NY	SYRACUSE (STATE ST)	SYRCNYSU
NY	TARRYTOWN	TRTWNYTT
NY	THAYER STREET	NYCMNYTH
NY	TROY AVENUE	NYCKNYTY
NY	TROY-3RD AVENUE	TROYNY03
NY	TROY-4TH AVENUE	TROYNY04
NY	TUCKAHOE	TKHONYTU
NY	UTICA-GENESSEE STREET	UTICNYUT
NY	WANTAGH	WNTGNYWT
NY	WEST 18	NYCMNY18
NY	WEST 36 TH ST	NYCMNY36
NY	WEST 42ND STREET	NYCMNY42
NY	WEST 50TH ST	NYCMNY50
NY	WEST 73	NYCMNY73
NY	W.108 (MANHATTEN AVE)	NYCMNYMN
NY	WEST STREET	NYCMNYWS
NY	WESTBURY	WBYNNYWE
NY	WEST STATEN ISLAND	NYCRNYWS
NY	WHITE PLAINS	WHPLNYWP
NY	WILLIAMSBURG	NKCKNYWM
NY	YONKERS	YNKRNYYN
NY	YORKTOWN	YRTWNYYT

PA	ALIQUIPPA	ALQPPAAL
PA	ALLENTOWN	ALTWPAAL
PA	ALLENTOWN (MT OLIVER)	PITBPAAL
PA	ALTOONA	ALNAPAAL
PA	AMBLER	AMBLPAAM
PA	AMBRIDGE	AMBRPAAM
PA	ARDMORE	ARMRPAAR
PA	BALA CYNWYD	BCYNPABC
PA	BALDWIN	OHLAPABA
PA	BEAVER FALLS	BVFLPABF
PA	BELLEVUE	BLLVPABE

Exhibit B

Sample Address Validations

[Go to Service Request Page](#)

Validate Premises Address/Assign Telephone Number

[View the RAW EIF File](#)

Administrative Data Table	
Version	AA
Purchase Order Number	19991018183508
Customer ID	NPCM
Customer Indicator	R
Customer Negotiator Name	
Customer Negotiator Telephone Number	
Billing Telephone Number	
Business Segment	R
Valid Premis Address/Telephone Number Assignment	
Local Serving Office	914332
Street Number and Name	
Service Address City	TARRYTOWN
Service Address State/Province	NY
Service Address Zip Code	10591
Unit Type	APT
Elevation	4
Structure Type	BLDG
Tax Area	074

[Go to Service Request Page](#)

Loop Qualification - xDSL

[View the RAW EIF File](#)

Administrative Data Table	
Billing Telephone Number	
End User State	NY
Customer Indicator	C
Version	AA
Customer Negotiator Name	
Purchase Order Number	19991018183938
Customer ID	NPCM
Customer Negotiator Telephone Number	
Business Segment	R
Loop Qualification - xDSL	
Service Provider	
Service Address House Number	
Service Address Street Name	WHITE PLAINS
Service Address Thoroughfare	RD
Elevation	4
Service Address City	TARRYTOWN
Service Address State	NY
Street Address Zip Code	10591

[Edit for Resubmission](#)

[Go to Service Request Page](#)

Validate Premises Address/Assign Telephone Number

[View the RAW EIF File](#)

Administrative Data Table	
Version	AA
Purchase Order Number	19991018183308
Customer ID	NPCM
Customer Indicator	R
Customer Negotiator Name	
Customer Negotiator Telephone Number	
Billing Telephone Number	
Business Segment	R
Valid Premis Address/Telephone Number Assignment	
Local Serving Office	212221
Street Number and Name	
Service Address City	MANHATTAN
Service Address State/Province	NY
Service Address Zip Code	10036
Unit Type	APT
Structure Type	BLDG
Tax Area	002

[Go to Service Request Page](#)

Loop Qualification - xDSL

[View the RAW EIF File](#)

Administrative Data Table	
Billing Telephone Number	
End User State	NY
Customer Indicator	C
Version	AA
Customer Negotiator Name	
Purchase Order Number	19991018183806
Customer ID	NPCM
Customer Negotiator Telephone Number	
Business Segment	R
Loop Qualification - xDSL	
Service Provider	
Service Address House Number	
Service Address Street Directional	
Service Address Street Name	
Service Address City	MANHATTAN
Service Address State	NY
Street Address Zip Code	10036

[Edit for Resubmission](#)

[Go to Service Request Page](#)

Validate Premises Address/Assign Telephone Number

[View the RAW EIF File](#)

Administrative Data Table	
Version	AA
Purchase Order Number	19991018183406
Customer ID	NPCM
Customer Indicator	R
Customer Negotiator Name	
Customer Negotiator Telephone Number	
Billing Telephone Number	
Business Segment	R
Valid Premis Address/Telephone Number Assignment	
Local Serving Office	914273
Street Number and Name	
Service Address City	ARMONK
Service Address State/Province	NY
Service Address Zip Code	10504
Unit Type	APT
Elevation	2
Structure Type	BLDG
Tax Area	089

[Go to Service Request Page](#)

Loop Qualification - xDSL

[View the RAW EIF File](#)

Administrative Data Table	
Billing Telephone Number	
End User State	NY
Customer Indicator	C
Version	AA
Customer Negotiator Name	
Purchase Order Number	19991018183857
Customer ID	NPCM
Customer Negotiator Telephone Number	
Business Segment	R
Loop Qualification - xDSL	
Service Provider	
Service Address House Number	
Service Address Street Name	
Elevation	2
Service Address City	ARMONK
Service Address State	NY
Street Address Zip Code	10504

[Edit for Resubmission](#)

Exhibit C

Prequalification Queries

Action Request System User Tool [Modify Individual Ultra SDM Service Order (Invent)]

File Edit Query Actions Macros Layout Org Name Window Help

Print This SO **NorthPoint Service Order** Feedback

General Information

Service Order ID: Service Order Class: Service Order Type: Service Order Sub-Type: Service Order Owner:

End-User: New: xDSL: Order Entry:

Service Order Description: Status: Customer PON: Project ID:

End-User Organization Name: WIP: 6276: V

NorthPoint PON: MSA:

W17214: New York, NY:

Requester Information

Organization: Contact: Partner Type:

View: V: View:

Telephone # Verification: Contact E-Mail: Contact Telephone:

Value Added Reseller: VAR Identifier 1: VAR Identifier 2:

State Transition

Reason For Hold: Service Order On Hold: Close Service Order: Service Order on Pre-sale Hold:

Hold Return To WIP: Cancel Service Order: Pre-sale Hold Return: Pending Cancel:

Reason For Cancel: Next Step: Order Email Trigger: Order Email History:

SO/SR WFO Status

Follow Up Date: Jeopardy Code: Submit Jeopardy: List Jeopardy: Assigned Provisioner:

SO Submit Date: Desired Due Date: SO Complete Date: SO Closed Date:

10/5/99 2:10:12 PM: 10/26/99 12:00:00 AM:

Number 1 of 1

Action Request System User Tool [Modify Individual Ultra SDM Service Order (Invent)]

File Edit Query Actions Macros Layout Org Name Window Help

CPE/IP Information

CPE-Order Type: Unbundled: Bundled:

CPE-Model Type: Router:

IP History:

Full Product Name: Netopia R7100-C SDSL:

Date CPE Shipped:

WAN Side Configuration

ISP Router WAN IP:

End User CPE WAN IP:

End User Subnet Mask:

Partner Subnet Mask: 0.0.0.0:

LAN Side Configuration

End User CPE Ethernet IP: Domain Name:

Subnet Mask: Primary Domain Name Server:

NAT: On: Off: Secondary Domain Name Server:

PreQual Address: CLI Code: TRTWNYYT:

CLI Code-2: TRTWNYYT:

Maximum Speed: 1544:

PreQual City: PreQual State: PreQual ZIP:

TARRYTOWN: N: 10531:

Wire Distance: 7220: Address Found: Service Available: 1: DSL Available: 0:

PreQual Message

NorthPoint services this area:

Number 1 of 1

Action Request System User Tool (Modify Individual Ultra SOM Service Order (heaven))

File Edit Query Actions Macros Layout Org Name Window Help

Print This SO **NorthPoint Service Order** Feedback

General Information
Service Order ID: [] Service Order Class: [End-User] Service Order Type: [New] Service Order Sub-Type: [xDSL] Service Order Owner: [Order Entry]

Service Order Description: [] Status: [WIP] Customer PON: [1.04 sdsi replacement] Project ID: []

End-User Organization Name: [Pomann Sound] NorthPoint PON: [W17641] MSA: [New York, NY]

Requester Information
Organization: [] Contact: [] Partner Type: []

Telephone # Verification: [] Contact E-Mail: [] Contact Telephone: []

Value Added Reseller: [] VAR Identifier 1: [] VAR Identifier 2: []

State Transition
Reason For Hold: [] Service Order On Hold: [] Close Service Order: [] Service Order on Presale Hold: []

Reason For Cancel: [] Next Step: [] Hold Return To WIP: [] Cancel Service Order: [] Presale Hold Return: [] Pending Cancel: []

Order Email Trigger: [On] [Off] Order Email History: []

SO/SR WFO Status
Follow Up Date: [] Jeopardy Code: [] Submit Jeopardy: [] List Jeopardy: [] Assigned Provisioner: [bloome]

SO Submit Date: [10/6/99 11:44:02 AM] Desired Due Date: [10/26/99 12:00:00 AM] SO Complete Date: [] SO Closed Date: []

Number 1 of 1

Action Request System User Tool (Modify Individual Ultra SOM Service Order (heaven))

File Edit Query Actions Macros Layout Org Name Window Help

CPE/IP Information
CPE-Order Type: [Unbundled] [] Bundled []

CPE-Model Type: [Router] IP History: [] Full Product Name: [] Date CPE Shipped: []

WAN Side Configuration
ISP Router WAN IP: [0.0.0.0]
End User CPE WAN IP: [0.0.0.0]
End User Subnet Mask: [0.0.0.0]
Partner Subnet Mask: [0.0.0.0]

LAN Side Configuration
End User CPE Ethernet IP: [] Subnet Mask: [] Domain Name: [com]
Primary Domain Name Server: [] Secondary Domain Name Server: []

NAT: [On] [Off]

PreQual Address: [] CLI Code: [NYCMNY42]
CLI Code-2: [NYCMNY42]
Maximum Speed: [1544]

PreQual City: [NEW YORK] PreQual State: [N] PreQual ZIP: [10036]

Wire Distance: [2357] Address Found: [1] Service Available: [1] IDSL Available: [0]

PreQual Message
NorthPoint services this area

Number 1 of 1

Action Request System User Tool (Modify Individual Edit the SOM Service Order [heaven])

File Edit Query Actions Macros Layout Org Name Window Help

Print This SO NorthPoint Service Order Feedback

General Information

Service Order ID: [] Service Order Class: [New] Service Order Type: [xDSL] Service Order Sub-Type: [Order Entry] Service Order Owner: []

Service Order Description: [] Status: [WIP] Customer PON: [CC-C7013] Project ID: []

End-User Organization Name: [] NorthPoint PON: [W17807] MSA: [New York, NY]

Requester Information

Organization: [] Contact: [] Partner Type: []

Telephone # Verification: [] Contact E-Mail: [] Contact Telephone: []

Value Added Reseller: [] VAR Identifier 1: [] VAR Identifier 2: []

State Transition

Reason For Hold: [] Service Order On Hold: [] Close Service Order: [] Service Order on Presale Hold: []

Reason For Cancel: [] Hold Return To WIP: [] Cancel Service Order: [] Presale Hold/Return: [] Pending Cancel: []

Next Step: [] Order Email Trigger: [On] [Off] Order Email History: []

SO/SR IWO Status

Follow Up Date: [] Jeopardy Code: [] Assigned Provisioner: [btcone]

SO Submit Date: [10/6/99 3:56:55 PM] Desired Due Date: [10/26/99 12:00:00 AM] SO Complete Date: [] SO Closed Date: []

Number 1 of 1

Action Request System User Tool (Modify Individual Edit the SOM Service Order [heaven])

File Edit Query Actions Macros Layout Org Name Window Help

CPE/IP Information

CPE-Order Type: [Unbundled] [Bundle] WAN Side Configuration: []

CPE-Model Type: [Router] ISP Router WAN IP: []

IP History: [] End User CPE WAN IP: []

Full Product Name: [Netopia R7100-C DSL] End User Subnet Mask: []

Date CPE Shipped: [] Partner Subnet Mask: [0.0.0.0]

LAN Side Configuration

End User CPE Ethernet IP: [] Domain Name: []

Subnet Mask: [] Primary Domain Name Server: []

NAT: [On] [Off] Secondary Domain Name Server: []

PreQual Address: [] CLI Code: [ARVGNVAV]

PreQual City: [ARMONK] PreQual State: [N] PreQual ZIP: [10504] CLI Code-2: [ARVGNVAV]

Maximum Speed: [0]

Wire Distance: [778] Address Found: [0] Service Available: [1] DSL Available: [0]

PreQual Message: [NorthPoint services this area]

Number 1 of 1

Exhibit D

“Address Not Found” Responses

[Go to Service Request Page](#)

Loop Qualification - xDSL

[View the RAW EIF File](#)

Administrative Data Table	
Billing Telephone Number	
End User State	NY
Customer Indicator	C
Version	AA
Customer Negotiator Name	
Purchase Order Number	19991018183938
Customer ID	NPCM
Customer Negotiator Telephone Number	
Business Segment	R
Error Message	
Error Message ID	100
Remarks	1070-
Remarks	Address Not Found
Reject/Query Date	19991018

[Go to Service Request Page](#)

Loop Qualification - xDSL

[View the RAW EIF File](#)

Administrative Data Table	
Billing Telephone Number	
End User State	NY
Customer Indicator	C
Version	AA
Customer Negotiator Name	
Purchase Order Number	19991018183806
Customer ID	NPCM
Customer Negotiator Telephone Number	
Business Segment	R
Error Message	
Error Message ID	100
Remarks	1070-
Remarks	Address Not Found
Reject/Query Date	19991018

[Go to Service Request Page](#)

Loop Qualification - xDSL

[View the RAW EIF File](#)

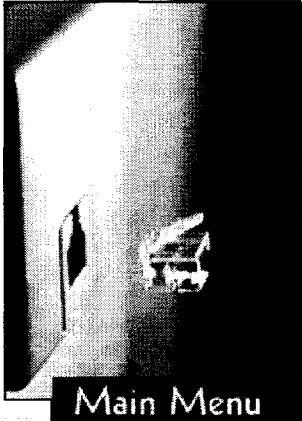
Administrative Data Table	
Billing Telephone Number	
End User State	NY
Customer Indicator	C
Version	AA
Customer Negotiator Name	
Purchase Order Number	19991018183857
Customer ID	NPCM
Customer Negotiator Telephone Number	
Business Segment	R
Error Message	
Error Message ID	100
Remarks	1070-
Remarks	Address Not Found
Reject/Query Date	19991018

Exhibit E

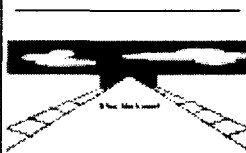
xDSL.com, Analysis of DSL Technologies

Exhibit D

xDSL.com, Analysis of DSL Technologies

xDSL.COM*Analysis of DSL Technologies***Cash in with DSL.**[Home](#) | [Contact Us](#) | [Site Policies](#) | [Site Search](#) | [TeleChoice Sites](#)**Main Menu**

- ◆ **xDSL Today**
Breaking News
Week in Review
Article Search
- ◆ **Buyer's Guide**
List All Companies
Update Access
- ◆ **Resources**
Business Case
Deployment &
Projections
Strategic Consulting
Service Availability
Product & Service
Comparisons
- ◆ **Services**
Trox Survey
Discussion Group
News Alert Service
- ◆ **Background Info**
Overviews
White Papers
Books
FAQ's
Glossary
Links
- ◆ **Archives**
News Releases
Week In Review

**Deployment -- UPDATED**

TeleChoice just completed another round of deployment tracking surveying. The results are in. Numbers below reflect the status at the end of second quarter 1999.

Although some information was publicly available, other companies are not as yet publicly disclosing deployment details. These deployment figures are based upon the following:

- Individual companies provided information.
- The average CO serves 25,000 customers.
- For the ISP/CLECs & ISPs, the sampling was conducted using the larger providers in this segment.
- This study does not reflect HDSL or HDSL2 deployment figures.
- We believe that the business versus residential percentages calculated for the entire market may be misleading for two primary reasons:
 1. Many home office customers are purchasing the residential products instead of the business class products.
 2. The number itself is skewed because of the disparity between the ILEC and CLEC percentages.

TeleChoice 2Q99 DSL Deployment Summary

Service Provider	2Q99 Lines in Service	% Residential	% Business	DSL-Equipped COs	Customers Passed
ILECs - US	131,000	84%	16%	1145	28,625,000
CLECs - US	26,950	19%	81%	1550	38,750,000
ISP/CLECs - US	1,200	43%	57%	1,047	26,175,000
Total	159,150	73%	27%		
ISPs - US	13,600	20%	80%		
ILEC-Canada*	18,300	96%	4%	240	6,000,000

*The Canada information reflects 1Q99. Updated Canada figures will be provided shortly.

TeleChoice believes there were 159,150 customers at the end of second quarter 1999 in the U.S. and that this number consists of approximately 15% CLEC, 84% ILEC, and 1% ISP/CLEC customers.

Notes:

- 1) ILEC = Ameritech, Bell Atlantic, BellSouth, GTE, SBC, US West
- 2) CLEC = Covad, NorthPoint, Rhythms
- 3) ISP/CLEC = UUNET, InterAccess
- 3) Canada = BC Tel, Bell Canada, NW Tel, Telus
- 4) ISPs = Small sampling of marketplace

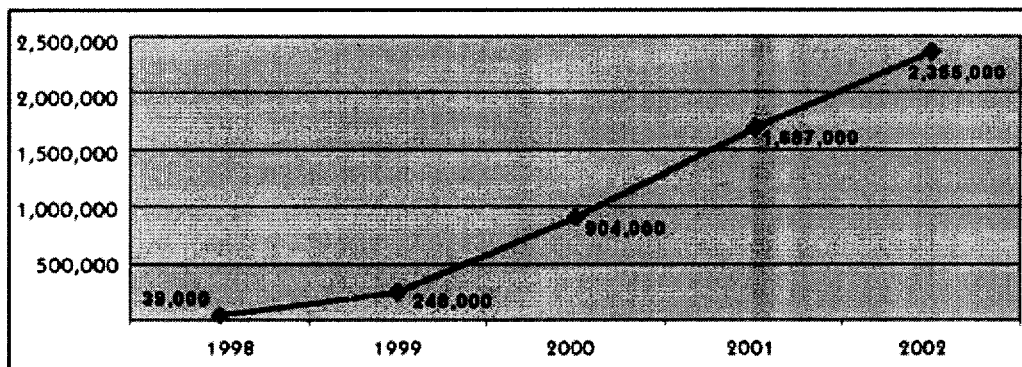


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Projections

TeleChoice updated the DSL line projections in 4Q98.

- Figures represent U.S. DSL lines in service.
- HDSL is not included.
- TeleChoice surveyed providers based on internal projections and then applied market expertise in making numbers realistic.



TeleChoice will be maintaining and expanding this information going forward. If you would like to confirm your figures, add to your figures or add your company to this list, please contact us and we'll be glad to work with you.

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